

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Translational Medicine

**ESPS manuscript NO:** 11997

**Title:** Pathophysiological Responses from Human Gut Microbiome

**Reviewer code:** 02444986

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-06-18 17:42

**Date reviewed:** 2014-06-27 19:16

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

authors have comprehensively reviewed role of microbiome on IBH,CRC,obesity and autism. I only suggest to add a table summarizing beneficial and offensive bacteria in these diseases.

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Translational Medicine

**ESPS manuscript NO:** 11997

**Title:** Pathophysiological Responses from Human Gut Microbiome

**Reviewer code:** 00504581

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-06-18 17:42

**Date reviewed:** 2014-06-29 03:50

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

The review is superficial, firstly showing some of the microbioma's differences found in a limited number of diseases related with this topic without the necessary insight on the patophysiology pathways proposed at the title of the paper. Beside it would have been interesting to review others important diseases like irritable bowel syndrome or pseudomembranous colitis in some way connected with microbioma changes or fecal transplantation

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Translational Medicine

**ESPS manuscript NO:** 11997

**Title:** Pathophysiological Responses from Human Gut Microbiome

**Reviewer code:** 00045997

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-06-18 17:42

**Date reviewed:** 2014-07-26 19:56

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

Authors addressed how important human gut microbiome affects in pathophysiological responses for various digestive tract disease. This is an excellent review paper and descriptions are considerable interest. I have no serious criticism and consider it to be acceptable for publication.

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Translational Medicine

**ESPS manuscript NO:** 11997

**Title:** Pathophysiological Responses from Human Gut Microbiome

**Reviewer code:** 02552296

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-06-18 17:42

**Date reviewed:** 2014-08-04 23:53

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

This is a review article. I believe this to be a well written article. Future metagenomic research needs to focus on the complex relationships of the gut microbiome composition and host metabolism. In page 6, sentence 23 need a reference.{.....was first coined by Bolte[ ]}

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Translational Medicine

**ESPS manuscript NO:** 11997

**Title:** Pathophysiological Responses from Human Gut Microbiome

**Reviewer code:** 02451447

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-06-18 17:42

**Date reviewed:** 2014-08-09 02:57

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input checked="" type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input checked="" type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

The authors reviewed the gut microbiota in 4 disease conditions. The field of gut microbiota is very actively being studied and many new findings and mechanism have been elucidated. Reviews on topics such as gut microbiota and IBS, IBD, obesity, colon cancer, etc. with detailed mechanisms and new findings have been published. The current review only superficially reviewed the relationship between gut microbiota and 4 diseases. The title is called "pathophysiological response to ..."; however, the current review did not describe how responses happened and worked. Furthermore, The references of this review are outdated and many new findings are not included (only 4 2013 literature were cited, nothing in 2014!). I would suggest the authors to focus on one disease to review instead superficially review many conditions.

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
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